ABSTRACT OF THE DISCLOSURE

1   A system and method for orbital planning allows iterative calculations of orbital

2   parameters to be accomplished in an automated way with one parameter solution serving

3   as input to the next parameter's calculation. A software program employs a graphical user

4   interface (GUI) to allow a space mission analyst to set up a series of sub-problems of any

5   desired level of complexity. The program then implements the series automatically and

6   sequentially, incorporating the solution to one sub-problem into the input to the next.